

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. – 12. (canceled)

13. (new) A method for transferring data in a code division multiple access communication system, the method comprising:

generating a generic code to produce a generic spread spectrum signal;

generating a plurality of message codes;

spread spectrum processing data with the plurality of message codes to produce a plurality of spread spectrum message signals;

combining the generic spread spectrum signal and the plurality of spread spectrum message signals to produce a combined spread spectrum signal;

modulating the combined spread spectrum signal to a radio frequency signal with a carrier signal and transmitting the radio frequency signal;

receiving the radio frequency signal;

using a replica of the generic code, recovering the carrier signal from the radio frequency signal;

acquiring and tracking the recovered-carrier signal and synchronizing the replica of the generic code to the recovered carrier signal;

generating a plurality of replicas of the message codes, the replicas of the message codes synchronized to the replica of the generic code; and

despeading the radio frequency signal with the plurality of the replicas of the message codes to produce the data.

14. (new) A code division multiple access receiver comprising:
means for receiving a radio frequency signal;
means using a generic code, for recovering a carrier signal from the radio frequency signal;
means for acquiring and tracking the recovered-carrier signal and synchronizing the generic code to the recovered carrier signal;
means for generating a plurality of message codes, the message codes synchronized to the generic code; and
means for despeading the radio frequency signal with the plurality of the message codes to produce the data.

15. (new) A code division multiple access receiver comprising:
a power splitter receiving a radio frequency signal;
a generic mixer for mixing a generic code with the radio frequency signal to recover a carrier signal from the radio frequency signal;
an acquisition and tracking device for acquiring and tracking the recovered-carrier signal and synchronizing the generic code to the recovered carrier signal;
a plurality of message code generators for generating a plurality of message codes, the message codes synchronized to the generic code; and
a plurality of message code mixers for despeading the radio frequency signal with the plurality of the message codes to produce the data.